

CLAIMS

What I claim as my invention is is:

1. A compact, portable hand-held stun device that converts quickly into an elongated, sword-like configuration comprising:

- a handle or hilt with an interior capable of fully containing a high voltage generator, battery units, wiring and insulation, and the components of the blade defined as the two probes, support mast, the tip connector/spacer, and optional conductive plate described in this claim ;
- two fully contained and concealed, when collapsed, telescoping, multi-segmented, metal probes culminating with a dull knob at the tip of each which protrude from the top of the hilt when the segments are collapsed;
- one fully contained and concealed, when collapsed, multi-segmented, telescoping, inert support mast;
- an inert tip connector/spacer that connects the mast and the two probes the ends of the top-most smallest segment of each of the probes and mast;
- a small, adjustable and optional conductive plate atop the tip connector/spacer at the termination of the mast at the connection of top of the smallest mast segment to the tip connector/spacer to direct an arc between the probes at the tip upon activation of the device when no other means of conduction between the two probes is present; and,
- a switching mechanism to enable the high voltage generator to deliver the pulse via the metal probes.

2. The device described in Claim 1, wherein the hilt contains a battery powered, high voltage, low amperage generator capable of producing said high voltage potential delivered to two oppositely charged terminals, which in turn are connected to the probes.
3. The device described in Claim 1, wherein the two probes are parallel to each other, and flank and run parallel to the inert mast – connected only at the tip of the probes and mast, and at the base of the probes and mast within the hilt, but otherwise are separate and independent.
4. The device described in Claim 1, wherein the blade of the device is rapidly and smoothly deployed or extended from inside the hilt by means of centrifugal force, and by moderation of the centrifugal force applied during blade deployment, the invention can be made to emulate a shorter sword or a longer sword.
5. The device described in Claim 1, wherein the probes will slightly rotate around the mast and flex on impact – allowing stress to be absorbed by the mast, as well as allowing the probes to flex and rotate to make better contact with a target.
6. The device described in Claim 1, wherein the blade is lightweight, such that the balance point of the device remains close to the top of the hilt when the blade is fully deployed or extended, as opposed to higher along the blade.

7. The device described in Claim 1, wherein each of the telescoping probes and mast are not connected to each other except at the tip and within the hilt, and are capable of being replaced or serviced independent of any other component.
8. The device described in Claim 1, wherein each segment of the probes maintains constant conductivity with all other segments within that probe, allowing the blade to deliver the electrical impulse at any point along its length or tip, whether extended or retracted or in any phase of deployment between those two extremes.
9. The device described in Claim 1, wherein the length of the blade when extended or deployed versus the hilt is comparable to that of a sword: approximately 3/1 or greater ratio, with a blade length of greater than 26 inches (measured from the top of the hilt to the tip of the blade) being achieved when the blade is extended or deployed.
10. The device described in Claim 1, wherein the probes are maintained at their full, extended position by nature of a friction lock between the segments in the mast, and will remain extended until force is applied at the tip to compress the blade sections within themselves and back into the largest diameter segments of the probes and mast located in the hilt.